

# Technical Assignment - ReactTS

Document Metadata	
Title	Technical Assignment - ReactTS
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Document Owner Information	
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## Purpose of the assignment

The goal of this assignment is to engineer a fully functional job listings project.

## Due Date

This assignment should be submitted within 2 working days of receiving the assignment or 10 working days for junior/internship positions.

## Submission method

The source code should be a public repo on GitHub or Bitbucket.

## Submission guidelines

- Create a git repository for this assignment.
- Write the React functional component, adhering to the guidelines provided.
- Ensure your code is written in TypeScript, as it will be considered a plus.
- Commit your code to the GitHub repository.
- Share the GitHub repository link with us.

## Technology

You should use the following technologies and frameworks to complete the assignment:

- ReactTS
- HTML, CSS
- Material UI

## Assignment Overview

Your task is to create an app that displays a list of jobs where users can filter the results by title. You will be using a public jobs API to fetch data.

When the user clicks on the view button on the job card, the system shall redirect the user to the job information page with a list of jobs on the side to navigate through.

## Note

You are allowed to use LLMs such as ChatGPT or Bard to help you understand and build this. It is beneficial if you diagram the below first, as it will help you decide on the flow.

**Make sure your code is well documented and everything inside it explained.**

**Please focus on code quality both in terms of structure and style.**

## API Description

### Request Body

Host	<a href="https://devapi-indexer.elevatustesting.xyz/api/v1/jobs">https://devapi-indexer.elevatustesting.xyz/api/v1/jobs</a>
language_profile_uuid	ee5d991c-cdc6-4e83-b0b3-96f147208549
itemQuery	the search title
limit	the limit of items to display per page
page	the current page to view items from

### Request Headers

accept-account	961c06eb-7e25-406c-87d5-d0742e09d96c
accept-company	900a776e-a060-422e-a5e3-979ef669f16b

## Requirements and Specifications

- Users should be able to search for specific jobs by title.
- Users should be able to click on the view button to see the full job info.
- The Website should be responsive and adapt to mobile screen sizes.
- You should do this task using React hooks and functional components.
- All results from the API should be paginated.
- The system should support multi languages (Add Localization support).

Job Listings Page Example:

<https://careers.elevatustesting.xyz/jobs>

Job Information Page Example:

<https://careers.elevatustesting.xyz/jobs/content-writer-1694620423>

## Evaluation Criteria

1. Analysis of the task
2. Code documentation and structure
3. Understanding of OOP and Design Patterns.
4. Application of TDD
5. Ability to provide a simple, appropriate solution